

"Heavy-Builts"



Shown In-Line With Sidematcher

# Hasko

*Flooring and Woodworking Machinery Since 1930*

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**DESCRIPTION**

**(Subject to Conditions of Sale)**

## **Hasko FSP StripMaster™ FLOORING PRE-SURFACER**

### **FEATURES:**

The **Hasko Model FSP StripMaster™** Hardwood Strip Flooring Pre-Surfacer offers an innovative and cost-effective solution to the problem of surfacing low-to-middle grade hardwood strips. It is designed to couple in-line with the **Hasko FSM MatchMaster™** or other sidematchers and requires no additional operator to perform the pre-surfacing function when utilized with the in-line configuration. The **FSP** minimizes the workload on the primary sidematcher and enhances overall performance, wear part life, tooling life, and improves face finish and accuracy of final product. Additionally it shares common parts with the **FSM**.

The **Hasko Model FSP StripMaster™** is heavily constructed and incorporates a steel fabricated stress relieved main frame with a small floor space of about 68-1/2" long x 79" wide (less hydraulic unit).

This is a top & bottom head, 6" x 3" heavy-built strip planer having a hydraulic feed system with choices of either 400 or 575 lineal feet per minute (maximum) feed rates. The standard machine is equipped with an eleven inch wide, 12-row (optional to 16-rows) **Hasko** Indexable Carbide bottom cylinder. Jointers to restore knife edges while running are built into the machine.

The included **Quick-Clear™** system combined with the machine's ability to pass mis-manufactured low-grade lumber can potentially add extra production of 30, 45, 60 minutes a shift. The **Quick-Clear™** incorporates pneumatic quick release of upper infeed rolls and hydraulic precise repositioning of the top cutterhead unit. Combined with variable frequency inverter driven cutterhead braking, this machine is cleared of the jam safely and quickly, precisely resetting and producing product in about a minute - despite the severity of a jam. The machine is equipped with a motor control center and features touch screen controls and inverter braking on both cutterheads. Standard voltage is 460/60/3.

The **StripMaster™** combines robust design with 21st century technology and offers easy accessibility to working parts without major disassembly. There are no gears, sprockets, or chains in the feed drive and many replacement parts are "off-the shelf" items. Service from the full staff at **Hasko** is legendary.

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**MACHINE SAFETY, GUARDING, OSHA - Subject to Conditions of Sale**

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## FSP StripMaster™ FLOORING PRE-SURFACER

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### SPECIFICATIONS:

<b><u>Capacity:</u></b>	Rough Boards In- 6.375" x 3.75" Max. Standard, (Optional to 7.375" x 3.75" max.) Finished Max. <i>Face Width</i> - 6.00" x 3.00" Standard, (Optional to 7.00" x 3.00" max.) Finished Min. <i>Face Width</i> - 2.25" Standard, (Optional to 1.50") Thinnest- .500" Shortest- 10"
<b><u>Dimensions:</u></b>	Bed Height - 34.50" Length - 68.50" Overall Width - 79.00"
<b><u>Weight:</u></b>	9,500 pounds (estimated) excluding hydraulic unit.
<b><u>Power:</u></b>	Top Head - 50 H.P. 3450 RPM Direct Coupled (standard) Top Head - 75 H.P. 3450 RPM Direct Coupled (optional) Top Head - 60 H.P. 3450 RPM Direct Coupled (optional) Bottom Head - 30 H.P. 3450 RPM Direct Coupled (standard) Bottom Head - 50 H.P. 3450 RPM Direct Coupled (optional) Bottom Head - 40 H.P. 3450 RPM Direct Coupled (optional) Feed Works - 60 H.P. Direct Coupled Hydraulic Variable Vane Pump (standard)
<b><u>Voltage:</u></b>	460/60/3 Standard 230/575 VAC optional
<b><u>Order of Cut:</u></b>	Top First, Bottom Second
<b><u>Amount of cut:</u></b>	Top head - 0 - .750" Bottom head - 0 - .250"
<b><u>Feed Works:</u></b>	Two top and two bottom 10" O. D. hydraulically driven infeed rolls, top rolls with pneumatic tensioning
<b><u>Feed Speeds:</u></b>	250-400 feet per minute infinitely variable (Up to 575 FPM optional)
<b><u>Cutting Circles:</u></b>	Top Head - 9.25" maximum cutting circle Bottom Head - 9.25" maximum cutting circle
<b><u>Bottom Cylinder:</u></b>	Eleven inch wide, 12-row <b>Hasko</b> Indexable Carbide (up to 16 knife-optional)

**Top Spindle:** Stub taper and keyed (standard) or optional smooth finish for Hydro-Lok

**Jointers:** Top Head- Built-in  
Bottom Cylinder- Built-in

**Cutterhead Locks:** Top Head hydraulically clamped

**Quick-Clear™:** Top Head - Hydraulic Cylinder  
Top Infeed Rolls - Pneumatic Cylinder  
All units return to positive stops for precise resetting

**Spindle Brakes:** All inverter drive controlled & programmed

**Guards:** Feed Rolls: Enclosed by fabricated steel and open steel mesh. Access doors are electrically interlocked to machine control logic to prevent operation of feed drive system and cutterheads when access doors are opened. Specific hazards indicated by warning signs and placards.

Cutterheads and cutter spindles: Enclosed by fabricated steel plate hoods and or dust chutes. Openings are limited to those needed to allow normal flow of material being machined. Specific hazards indicated by warning signs and placards.

### **Electrical,**

**Controls and Logic:** NEMA 12 Enclosures, with built in interlocked disconnect. A PLC provides control logic. Touch screen operator console, magnetic relays, variable frequency inverter drives, and motor controls. Fused protection for all motor control relays and PLC.

### **Updated Guarding And Safety Circuitry System:**

The **Hasko FSM** and **FSP** now incorporate a "state of the art" Guarding and Safety Circuitry System designed to provide a very high level of safety for your operators without sacrificing production.

The **FSM** control package incorporates circuitry for the five cutterheads utilizing two safety rated relays per cutter head unit wired in compliance with ANSI B11.19 and OSHA 1910.147 regarding Risk Category 3 and "Alternative measures" where safe jam clearing is required.

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## **FSP StripMaster™ FLOORING PRE-SURFACER**

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The use of dual channel safety relays and expansion modules coordinated with zero speed sensors for all cutter heads in conjunction with solenoid activated access door locking switches, prevent operator access to dangerous areas while the machine is running and during orderly shutdown.